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L3: Entry 11 of 15

File: DWPI

Feb 1, 2001

DERWENT-ACC-NO: 1995-344738

DERWENT-WEEK: 200112

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TITLE: Transfer of images from xerographic copier or dry toner printer - using material with surface of poly:methyl:pentene to allow full transfer to paper, plastics, fabrics etc.

INVENTOR: MABBOTT, R J

PATENT-ASSIGNEE:

ASSIGNEE

CODE

ISO DEV LTD

ISOIN

PRIORITY-DATA: 1994GB-0005374 (March 18, 1994)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
ES 2152391 T3	February 1, 2001	N/A	000	G03G007/00
WO 9525987 A1	September 28, 1995	E	028	G03G007/00
AU 9519005 A	October 9, 1995	N/A	000	G03G007/00
EP 756721 A1	February 5, 1997	E	000	G03G007/00
AU 705202 B	May 20, 1999	N/A	000	G03G007/00
EP 756721 B1	September 13, 2000	E	000	G03G007/00
DE 69518835 E	October 19, 2000	N/A	000	G03G007/00

DESIGNATED-STATES: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP KR
KZ LK LR LT LU LV MD MG MN MW MX NL NO NZ PL PT RO RU SD SE SG SI SK TJ TT UA UG US UZ VN
AT BE CH DE DK ES FR GB GR IE IT KE LU MC MW NL OA PT SD SE SZ UG AT BE CH DE DK ES FR GB
GR IE IT LI LU MC NL PT SE AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

CITED-DOCUMENTS:02Jnl.Ref; GB 2231533 ; JP 04039090 ; JP 04101841 ; WO 9102296

APPLICATION-DATA:

Record Display Form	APPL-DATE	http://www.irs.gov/bin/gate.exe?f=doc&...=DESCRIPTOR_doccnt=1&p_doc_1=PTFFULL	APPL-DATE	APPL-DATE
ES 2152391T3	March 17, 1995	1995EP-0911433	1995EP-0911433	N/A
ES 2152391T3		EP 756721	EP 756721	Based on
WO 9525987A1	March 17, 1995	1995WO-GB00601	1995WO-GB00601	N/A
AU 9519005A	March 17, 1995	1995AU-0019005	1995AU-0019005	N/A
AU 9519005A		WO 9525987	WO 9525987	Based on
EP 756721A1	March 17, 1995	1995EP-0911433	1995EP-0911433	N/A
EP 756721A1	March 17, 1995	1995WO-GB00601	1995WO-GB00601	N/A
EP 756721A1		WO 9525987	WO 9525987	Based on
AU 705202B	March 17, 1995	1995AU-0019005	1995AU-0019005	N/A
AU 705202B		AU 9519005	AU 9519005	Previous Publ.
AU 705202B		WO 9525987	WO 9525987	Based on
EP 756721B1	March 17, 1995	1995EP-0911433	1995EP-0911433	N/A
EP 756721B1	March 17, 1995	1995WO-GB00601	1995WO-GB00601	N/A
EP 756721B1		WO 9525987	WO 9525987	Based on
DE 69518835E	March 17, 1995	1995DE-0618835	1995DE-0618835	N/A
DE 69518835E	March 17, 1995	1995EP-0911433	1995EP-0911433	N/A
DE 69518835E	March 17, 1995	1995WO-GB00601	1995WO-GB00601	N/A
DE 69518835E		EP 756721	EP 756721	Based on
DE 69518835E		WO 9525987	WO 9525987	Based on

INT-CL (IPC): D21H 19/22; G03G 7/00

ABSTRACTED-PUB-NO: EP 756721B
BASIC-ABSTRACT:

A material for transferring an image onto a substrate is characterised by having an image-carrying surface comprising a uniform thickness film or supported layer of polymethylpentene (PMP).

ADVANTAGE - The material, unlike prior-art polyester materials, enables full transfer of monochrome or full colour toner images made in either a xerographic copier or dry toner printer to be fully and distortion-free transferred to a wide variety of substrates with the substrate or by using an intermediate image carrier (e.g. a polyester).

ABSTRACTED-PUB-NO:

WO 9525987A

EQUIVALENT-ABSTRACTS:

A material for transferring an image onto a substrate is characterised by having an image-carrying surface comprising a uniform thickness film or supported layer of polymethylpentene (PMP).

ADVANTAGE - The material, unlike prior-art polyester materials, enables full transfer of monochrome or full colour toner images made in either a xerographic copier or dry toner printer to be fully and distortion-free transferred to a wide variety of substrates with the substrate or by using an intermediate image carrier (e.g. a polyester).

CHOSEN-DRAWING: Dwg.0/1

TITLE-TERMS: TRANSFER IMAGE XEROGRAPHIC COPY DRY TONER PRINT MATERIAL SURFACE POLY METHYL PENTENE ALLOW FULL TRANSFER PAPER PLASTICS FABRIC

DERWENT-CLASS: A17 A89 F06 G08 P84 S06

CPI-CODES: A04-G10; A12-L05D; F03-F01; F03-F27; F05-A06B; F05-B; G06-G05; G06-G08B;

EPI-CODES: S06-A01X;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1. 1] 017 ; R15485 G0044 G0033 G0022 D01 D02 D12 D10 D53 D51 D58 D86 ; H0000 ; S9999 S1285*R ; P1150 Polymer Index [1.2] 017 ; Q9999 Q8617*R Q8606 ; K9483*R ; K9676*R ; B9999 B5243*R B4740 ; ND01 ; Q9999 Q8651 Q8606 ; Q9999 Q7114*R ; K9563 K9483
Polymer Index [2.1] 017 ; P0000 Polymer Index [2.2] 017 ; Q9999 Q8617*R Q8606 ; Q9999 Q8662 Q8606 ; ND01

SECONDARY-ACC-NO:

End of Result Set



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L5: Entry 1 of 1

File: DWPI

Apr 3, 1992

DERWENT-ACC-NO: 1992-163226

DERWENT-WEEK: 199951

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TITLE: Release film structure for multilayer printed circuit board of electronic machine -
has polymer film laminated over paper sheet

PATENT-ASSIGNEE:

ASSIGNEE

MITSUI PETROCHEM IND CO LTD

CODE

MITC

PRIORITY-DATA: 1990JP-0220683 (August 22, 1990)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 04101841 A</u>	April 3, 1992	N/A	005	N/A
JP 2959818 B2	October 6, 1999	N/A	005	B32B027/32

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 04101841A	August 22, 1990	1990JP-0220683	N/A
JP 2959818B2	August 22, 1990	1990JP-0220683	N/A
JP 2959818B2		JP 4101841	Previous Publ.

INT-CL (IPC): B32B 7/06; B32B 27/00; B32B 27/10; B32B 27/32; H05K 3/46

ABSTRACTED-PUB-NO: JP 2959818B

BASIC-ABSTRACT:

NOVELTY - A poly 4-methyl-1-pentene film with a thickness of 10-50 μ m is laminated over a paper sheet. The paper sheet has mean surface roughness (Ra) of 2-20 μ m.

USE - For multilayer printed circuit board of electronic machine.

ADVANTAGE - Formation of wrinkles on poly 4-methyl-1-pentene film is eliminated using a paper sheet.

ABSTRACTED-PUB-NO:

JP 04101841A

EQUIVALENT-ABSTRACTS:

NOVELTY - A poly 4-methyl-1-pentene film with a thickness of 10-50 μ m is laminated over a paper sheet. The paper sheet has mean surface roughness (Ra) of 2-20 μ m.

USE - For multilayer printed circuit board of electronic machine.

ADVANTAGE - Formation of wrinkles on poly 4-methyl-1-pentene film is eliminated using a paper sheet.

TITLE-TERMS: RELEASE FILM STRUCTURE MULTILAYER PRINT CIRCUIT BOARD ELECTRONIC MACHINE
POLYMER FILM LAMINATE PAPER SHEET

DERWENT-CLASS: A17 A85 L03 P73 V04

CPI-CODES: A04-G10; A11-B09A2; A12-E07A; A12-S06C; L03-H04E3;

EPI-CODES: V04-R07A; V04-R07P;

Resource ID: POLYMER-INDEXING: wysiwyg://165/http://westbrs:8820/bin/g...=&p_Message=&p_doccnt=1&p_doc_1=PTFFULL
Polymer Index [1.1] 018 ; R15485 G0044 G0033 G0022 D01 D02 D12 D10 D53 D51 D58 D86 ; H0000
; S9999 S1285*R ; P1150 Polymer Index [1.2] 018 ; ND01 ; Q9999 Q7454 Q7330 ; Q9999 Q7205
Q7114 ; B9999 B5378 B5276 ; N9999 N5856 ; K9676*R ; K9563 K9483 ; K9483*R

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1992-075108

Non-CPI Secondary Accession Numbers: N1992-122454

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 04-039090

(43)Date of publication of application : 10.02.1992

(51)Int.Cl.

B41M 5/38

(21)Application number : 02-146685

(71)Applicant : MITSUBISHI PAPER MILLS LTD

(22)Date of filing : 04.06.1990

(72)Inventor : MATSUDA NORIYUKI
NOZAKI MASAOKI
NODA TORU

(54) SUPPORT FOR THERMAL TRANSFER RECORDING IMAGE RECEIVING MATERIAL

(57)Abstract:

PURPOSE: To enhance the gloss and printing density of a printed part by using paper based on natural pulp as a substrate and providing a polymethylpentene resin layer to the image receiving surface thereof.

CONSTITUTION: Paper based on natural pulp is used as a substrate and a polymethylpentene resin layer is provided to one image receiving surface thereof. As the base paper, pulp paper having a smooth surface whose Bekk smoothness prescribed by JIS P8119 is 100sec or more is pref. As the polymethylpentene resin, a 4-methylpentene-1 polymer is pref. and, usually, one with density of 0.820 - 0.850g/cm³ and a melt flow rate MFR of 5 - 100g/10min is advantageously used.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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